

PATENT SPECIFICATION



Convention Date (Germany) : June 20, 1921.

182,114

Application Date (in United Kingdom) : June 20, 1922. No. 17,011/22.

(Patent of Addition to No. 181,721. Convention Date (Germany) : June 15, 1921).

Complete Accepted : Sept. 20, 1923.

COMPLETE SPECIFICATION.

Improvements in Safes.

I, REINHOLD BRÄUER, of 75, Fürstenwall, Dusseldorf, Germany, a German citizen, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention constitutes an addition to the Patent Application Number 181,721 which relates to a safe composed of detachable masonry blocks which are interconnected by elements located entirely within the safe so as to present, while the safe remains closed, an inseparable structure, and the invention consists in combining, on the principle claimed in the previous application, several compartments or complete safes into one structure.

In the accompanying drawings the invention is illustrated by way of example,

Fig. 1 representing a vertical section showing a combination of two superposed safe-compartments,

Fig. 2, a vertical section at right angles to Fig. 1,

Fig. 3, a horizontal section of Fig. 1, and

Fig. 4, a front view of the entire structure.

Fig. 5 is a vertical section showing a combination of two safe-compartments arranged in juxtaposition, and

Fig. 6, a front view of the same.

Figs. 7 and 8 are corresponding views showing a combination of four safe-compartments,

Fig. 9 is a horizontal section of this arrangement, and

Fig. 10, a top view of the same.

The back wall of the safe is composed of a slab *a* which may be made of concrete and suitably reinforced. Anchored

to the reinforcements are screw-bolts *i* 45 which project into the interior of the safe and serve as means for securing the various parts together. The rest of the safe is built up, to any desired depth, by external frames or slabs *c* and internal 50 frames or slabs *b*, all appropriately reinforced. The frames or slabs *c* encircle the frames or slabs *b*. The structure is terminated by a front frame *d* which overlaps the frames *c* and *b* and which 55 is recessed to receive a metal frame *g* and with it the door *h* of the safe. The frame *g* is connected either to a complete box *f*, which fills up the interior of the safe, or merely to straps which, like the 60 box, can be secured by means of nuts and by means of a clamping plate *e* to the bolts *i*. The nuts are tightened up for forcing the frame *g* to the block or frame *d* and the latter to the frames *b* and *c*. 65 Thus a firm structure is obtained which cannot be taken to pieces without access to the bolts *i* from the interior of the safe.

According to the invention several 70 safes or compartments such as described are combined into one whole structure. This can be effected as shown in Figs. 1 to 10 by making the exterior frames *c* and *d* large enough to embrace several 75 sets of interior frames *b*, each set forming a separate safe-compartment and having a separate door *h*. Combinations of two and four safe-compartments are illustrated in the drawings. The back 80 slab *a* is recessed to form shoulders about which the individual sets of frames can be arranged and retained in position. Each safe or compartment is fitted with independent fastening elements, so that 85 all the doors must be opened before the parts can be separated.

The safes may be arranged with the

[Price 1/-]

plate *a* and with the doors in a horizontal instead of a vertical position, and they may be built into walls if desired.

5 Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

A safe according to Specification No.

181,721 comprising several masonry com- 10
partments combined, by elements which are only accessible from the inside of the compartments, into a single safe-structure, substantially as set forth.

Dated this 19th day of June, 1922. 15

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Registered Patent Agents.

Fig. 1.

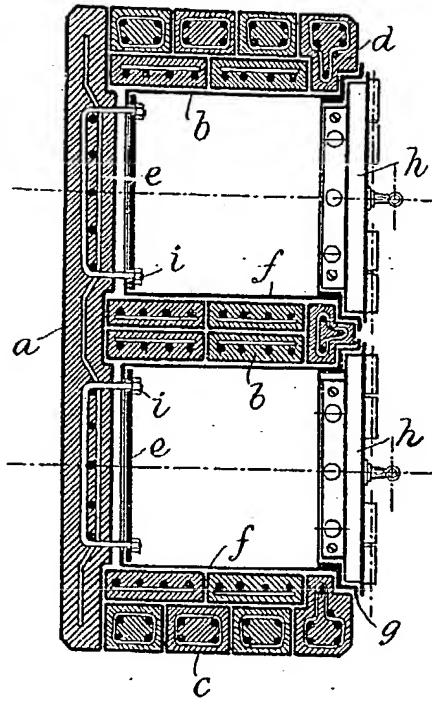


Fig. 2.

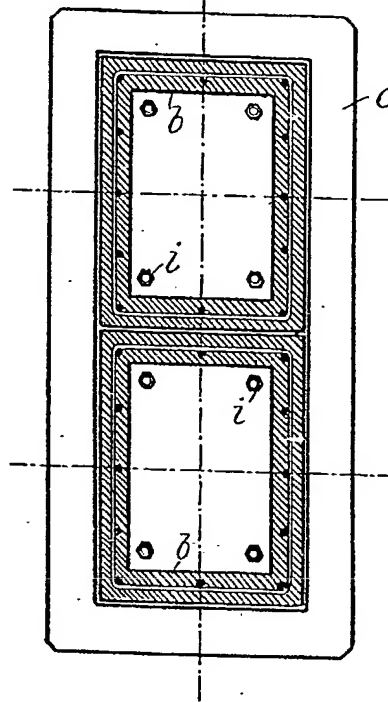


Fig. 3.

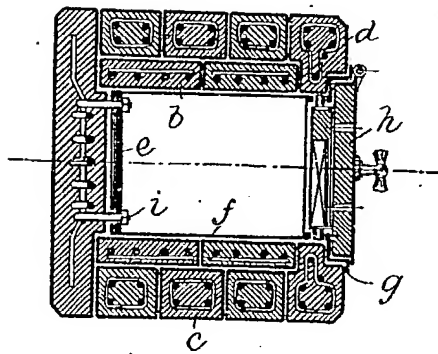
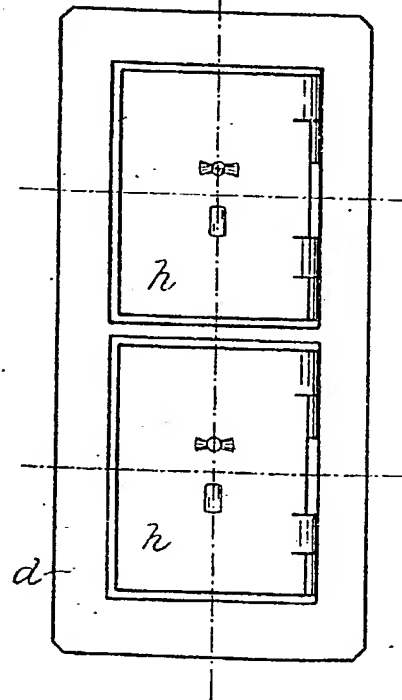


Fig. 4.



[This Drawing is a reproduction of the Original on a reduced scale.]

c

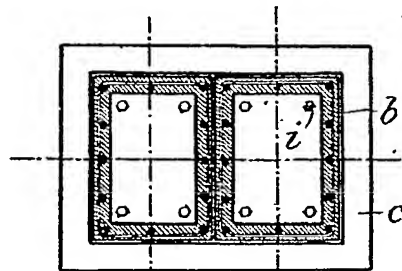


Fig. 5.

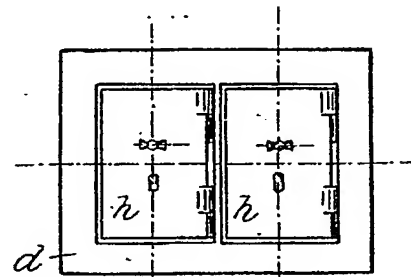


Fig. 6.

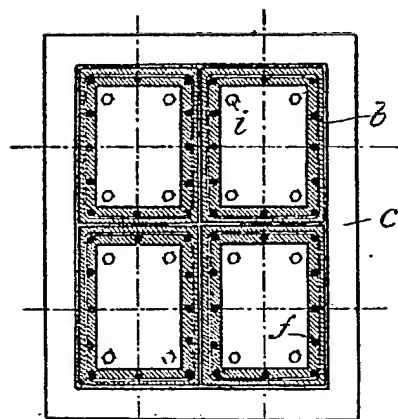


Fig. 7.

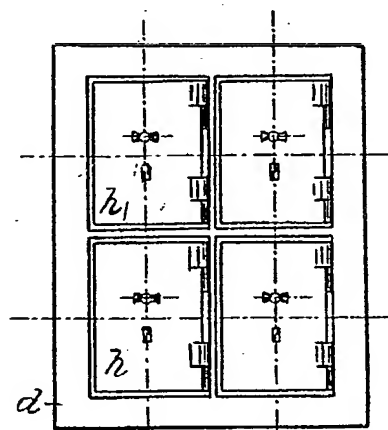


Fig. 8.

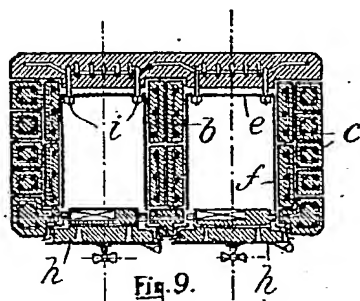


Fig. 9.

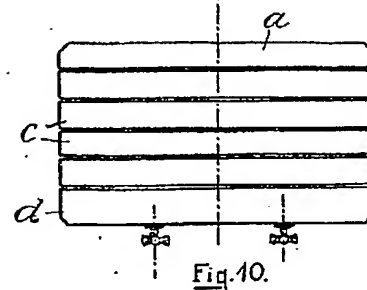


Fig. 10.

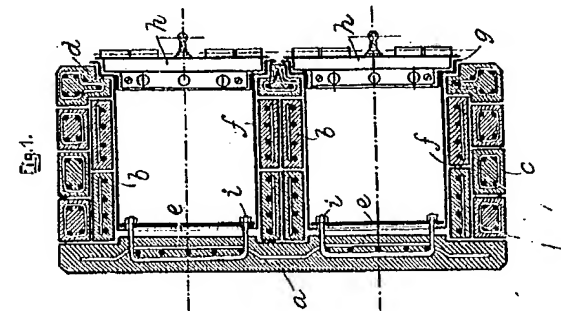


Fig. 1.

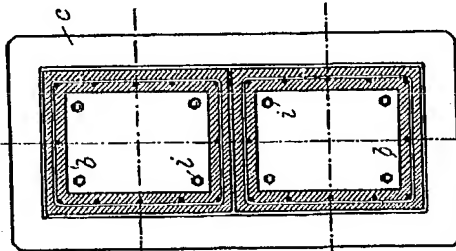


Fig. 2.

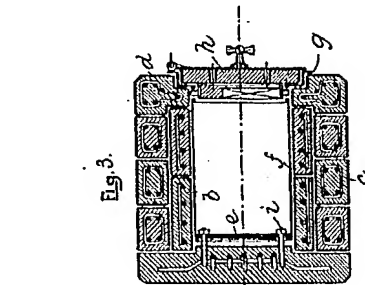


Fig. 3.

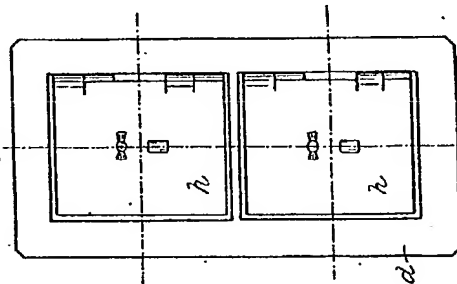


Fig. 4.

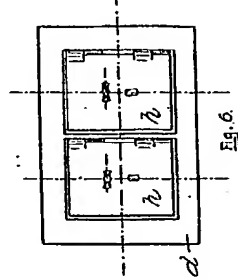


Fig. 5.

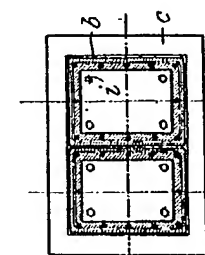


Fig. 6.

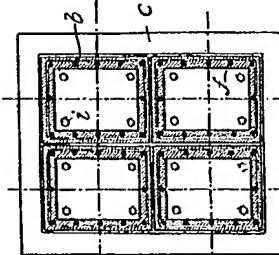


Fig. 7.

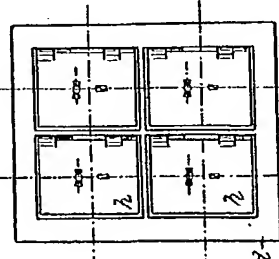


Fig. 8.

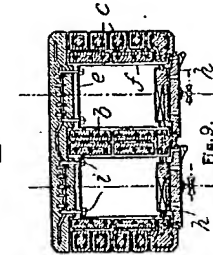


Fig. 9.

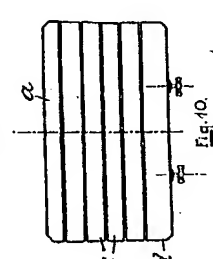


Fig. 10.

[This Drawing is a reproduction of the Original on a reduced scale]